

The Western Journal of Medicine

SINCE 1902

ISSN 0093-0415

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Official Journal of the Arizona Medical Association, the California Medical Association, the Idaho Medical Association, the Montana Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society.

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"Information for Authors"—A complete guide to manuscript submission and journal style is available on request and also appears in January and July.

Author Responsibility—Authors are responsible for all statements, conclusions and methods of presenting subjects. Articles are accepted on condition that they are contributed solely to this journal.

Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The *original* manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of

clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter. Such papers should describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease.

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THE WESTERN JOURNAL OF MEDICINE

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Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, PO Box 7602, San Francisco, California 94120-7602. The transmittal letter should designate one person as correspondent and include complete address, with ZIP code and telephone number.

In view of *The Copyright Revision Act of 1976*, transmittal letters should contain the following language: "In consideration for reviewing and editing my submission, the author(s) undersigned hereby transfers, assigns or otherwise conveys all copyright ownership to THE WESTERN JOURNAL OF MEDICINE in the event that such work is published by the journal." This statement should be signed by *all* authors.

Authors are urged to seek clarity and succinctness in all manuscripts regardless of subject matter or format and to give close attention to syntax, grammar and spelling.

Clinical Investigation Section

Articles that authors wish to have considered for the Clinical Investigation section should be so designated in the transmittal letter. The type of articles appropriate for this section are those that describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

Preparing Manuscripts

The original manuscript and *two* copies should be submitted on heavy bond paper (8½ by 11 inches, *not* erasable), typed *double-spaced throughout* (including legends, tables and references) on one side of the paper, with 1½-inch margins. Ordinarily, articles should not exceed 3,000 words (less than 15 text pages, typed double-spaced). Under exceptional circumstances only will articles longer than 4,000 words be published. Pages should be numbered consecutively, beginning with the title page.

Style

Abbreviations. Use of abbreviations should be minimized. If they are necessary, abbreviations should be spelled out at first mention, with the abbreviation itself immediately following in parentheses.

Weights and measures. All measurements should be given in metric units. English equivalents should be given parenthetically if the measurements were originally done in English units.

Temperatures. Temperature readings should be given first in Celsius, followed by the Fahrenheit equivalent in parentheses.

Drug names. If the trade name of a drug is used, the generic name should be given first, followed by the trade name in parentheses. Trade names are capitalized, generic names are not.

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Titles are best when brief and concise. The title page should include the full name of the author(s), with degrees, academic or professional titles, complete addresses and any institutional or other affiliations. The complete name and address of the person who will handle reprint requests also should appear on this page.

Abstract

The abstract (approximately 150 words) should be a short summary, saying in brief what is said at length in the body of the article—rather than such and such "is discussed," "is presented" or "was investigated."

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Tables

Each table should be typed on a separate sheet of paper, be numbered consecutively in Arabic numerals, have a brief descriptive title and have its position indicated in the text.

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Three sets of clear, unmounted black and white glossy prints of figures should be submitted (preferably 5 by 7 inches, but no larger than 8½ by 11 inches). For line drawings, original artwork or glossy prints are acceptable. Illustrations should be numbered consecutively in Arabic numerals and the position indicated in the text. Figure number, first author's name and top of the photo should be shown on the reverse side of each illustration. Recognizable photographs of patients are to be masked and written permission for publication obtained from the patients.

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edged in the legend if it can be done briefly by citation of a reference number. Otherwise, acknowledgment is made at the end of the figure legend or at the bottom of the table.

References

References should be limited to those cited in the text. They must be typed double-spaced and numbered consecutively as they appear in the manuscript. (See examples below for style.) Abbreviations of journal titles should conform to those used in *Index Medicus*.

Journal Articles

Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon *only* if it appears in the original citation.

1. Jones JS, Anderson HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978; 7:76-79

Books

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munsung JM: The role of drugs, chap 2, *In* Brest AN, Mayer JH (Eds): *Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: *AMA Drug Evaluation*, 3rd Ed. Littleton, Mass, Publishing Sciences Group, 1977 (*corporate author*)

6. Compilation of Standard Definitions, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

Articles in Press or Accepted for Publication

Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

Personal Communications and Unpublished Data

This information should *not* be included in the reference list but should be given in parentheses in the body of the text. Date of communication, whether it was personal or written, and the person's name, highest academic degree and professional affiliation should be provided.

Acknowledgments

It is the policy of the *WJM* not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publication. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

Author Responsibility

Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galleys for approval. No changes will be made after the final, edited version has been approved by the author.

Reprints

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ARIZONA

The following list of continuing medical education programs in Arizona is compiled by the Arizona Medical Association. All courses listed have been certified as meeting the criteria for Category I of the ArMA CME Certificate and the AMA Physicians Recognition Award. To list Category I continuing medical education programs, please send information to Arizona Medical Association, 810 West Bethany Home Road, Phoenix, AZ 85013; or phone (602) 246-8901.

Brochures and registration forms are available from the contact person or organization sponsoring the program.

February 15—**Neurology and Neurosurgery.** Hotel Park Tucson, Tucson. Saturday. Contact: U of A.

February 19—**Urology-Including New Treatment Methods.** ArMA Building, Phoenix. Wednesday. Contact: ArMA.

February 20-22—**Organ Transplants and Implants: Ethical Issues.** Hilton Pavilion, Mesa. Thursday-Saturday. Contact: Arizona Humanities Council, (602) 257-0335.

February 21-23—**Anesthesia for the 80's.** Sheraton Scottsdale Resort, Scottsdale. Friday-Sunday. Contact: Arizona Society of Anesthesiologists, (602) 246-8901.

February 24-26—**Emergency Care Update VIII.** University of Arizona, Tucson. Monday-Wednesday. Contact: U of A.

February 24-27—**Practical Radiology: MRI, CT, Intervention, Computers and More.** Loews Ventana Canyon Resort, Tucson. Monday-Thursday. Contact: U of A.

February 26-28—**Ninth Annual Mid-Winter Symposium in OB/GYN.** Scottsdale Hilton Hotel, Scottsdale. Wednesday-Friday. Contact: Phoenix OB/GYN Society, (602) 241-1917.

February 26-March 1—**International Ophthalmic Surgery Symposium.** Loews Paradise Valley Resort, Scottsdale. Wednesday-Saturday. Contact: The Eye Foundation, (602) 257-1077.

February 27-March 1—**Current Issues in Neurology and Neurosurgery.** La Posada Resort, Phoenix. Thursday-Saturday. Contact: Barrow Neurological Institute, (602) 285-3000.

March 6-8—**Focus '86.** Doubletree Inn, Scottsdale.

Thursday-Saturday. Contact: St. Luke's Medical Center, (602) 251-8402.

March 8—**Rehabilitation and Aging.** Holiday Inn Broadway, Tucson. Saturday. Contact: U of A.

March 9-11—**Abuses and Controversies in Athletics and Exercise.** Tucson. Sunday-Tuesday. Contact: U of A.

March 18-21—**Pediatric Update 1986.** La Posada Resort, Scottsdale. Tuesday-Friday. Contact: Phoenix Children's Hospital, (602) 239-4350.

March 19—**Alternative Delivery Systems.** ArMA Building, Phoenix. Wednesday. Contact: ArMA.

March 20-22—**22nd Annual Arizona Chest Symposium.** Doubletree Hotel, Tucson. Thursday-Saturday. Contact: U of A.

March 22-23—**12th Annual James H. McDonald Urological Seminar.** Sheraton Scottsdale Resort, Scottsdale. Saturday-Sunday. Contact: Department of Surgery, Maricopa Medical Center, (602) 267-5371.

March 24-26—**Practical Cardiology for the Family Physician.** La Posada Resort, Scottsdale. Monday-Wednesday. Contact: American College of Cardiology, (301) 897-5400.

April 16—**Geriatrics.** ArMA Building, Phoenix. Wednesday. Contact: ArMA.

April 17—**Geriatrics.** VA Medical Center, Prescott. Thursday. Contact: ArMA.

May 1-3—**Rheumatic Therapeutics.** Registry Resort, Scottsdale. Thursday-Saturday. Contact: St. Luke's Medical Center, (602) 251-8402.

May 3-4—**Platelets and Megakaryocytes: Clinical and Laboratory Considerations.** University of Arizona, Tucson. Saturday-Sunday. Contact: Arizona Society of Pathologists, (602) 246-8901.

CALIFORNIA, HAWAII AND NEVADA

This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, 44 Gough St., San Francisco 94103; or phone (415) 863-5522. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

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ArMA—Contact: Arizona Medical Association, 810 W Bethany Home Rd, Phoenix, AZ 85013. (602) 246-8901.

U of A—Contact: University of Arizona College of Medicine, Arizona Health Sciences Center, Tucson, AZ 95724. (602) 626-6173.

(Continued on Page 146)

(Continued from Page 144)

ALLERGY AND IMMUNOLOGY

February 19-22—**10th Annual Course Immunology and the Clinical Practice of Allergy.** UCSD at Hilton Hotel, San Diego. Wednesday-Saturday. 20 hrs. Contact: Conference Management Associates, Edith S. Bookstein, (619) 454-3212.

March 7-9—**Allergy Update: What's New in 1986.** Allergy Foundation of Northern California at Hyatt Lake Tahoe. Friday-Sunday. 9 hrs. Fee: \$75. Contact: Julianne Brawner, (415) 321-6500.

March 19-23—**American Academy of Allergy and Immunology Annual Meeting** at San Francisco Hilton. Wednesday-Sunday. Contact: Executive Office, AAAI, 661 E. Wells St., Milwaukee, WI. (414) 272-6071.

ANESTHESIOLOGY

February 28-March 2—**Obstetric Anesthesia Update: State of the Art 1986.** UCSF at Hotel Meridien, San Francisco. Friday-Sunday. 13 hrs. Contact: Samuel C. Hughes, UCSF.

KEY TO ABBREVIATIONS

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW:** Charles R. Drew Postgraduate Medical School
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU:** Loma Linda University
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC:** Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN:** Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD:** University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Boulevard, Sacramento 95817. (916) 453-5390.
- UCI:** University of California, Irvine
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Avenue, Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA:** University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD:** University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF:** University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

March 9-14—**Anesthesiology 1986.** Anesthesiology Education Foundation at Sierra Nevada Inn, Mammoth Lakes. Sunday-Friday. 20 hrs. Fee \$250. Contact: UCLA.

May 5-9—**14th Annual Hawaiian Seminar on Clinical Anesthesia.** California Society of Anesthesiologists at Sheraton Kauai Hotel, Kauai, Monday-Friday. 20 hrs. Contact: Linda Londerville, (415) 348-1407.

June 19-22—**California Society of Anesthesiology Annual Scientific Meeting** at MGM Grand Hotel, Las Vegas. Thursday-Sunday. 17 hrs. Contact: Linda Londerville, 100 S. Ellsworth Ave., Suite 806, San Mateo, CA 94401.

CANCER

February 17-19—**Clinical Hematology and Oncology: 1986.** Scripps Clinic and Research Foundation at Vacation Village Resort, San Diego. Monday-Wednesday. 19 hrs. Fee: \$290. Contact: Academic Affairs, Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla, CA 92037. (619) 457-8556.

February 28-March 1—**Twenty First Annual San Francisco Cancer Symposium.** West Coast Cancer Foundation at Sheraton Palace Hotel, San Francisco. Friday-Saturday. 12 hrs. Fee: \$200. Contact: West Coast Cancer Foundation, San Francisco, (415) 981-4590.

March 6-8—**International Conference on Monoclonal Antibody Immunoconjugates** UCSD at Hotel Intercontinental, San Diego. Thursday-Saturday. 19 hrs.

March 7—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy.** Continuing Medical Education Associates at Holiday Inn Union Square, San Francisco. Friday. 7 hrs. Fee: \$145. Contact: J. Shiller, (619) 223-2997.

March 9—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy.** Continuing Medical Education Associates at Grand Hotel, Anaheim. Sunday. 7 hrs. Fee: \$145. Contact: J. Shiller, (619) 223-2997.

April 4—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy.** Continuing Medical Education Associates at Kona Kai Club, San Diego. Friday. 7 hrs. Fee: \$145. Contact: J. Shiller, (619) 223-2997.

April 6—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy.** Continuing Medical Education Associates at Holiday Inn Union Square, San Francisco. Sunday. 7 hrs. Fee: \$145. Contact: J. Shiller, (619) 223-2997.

(Continued on Page 149)

(Continued from Page 146)

CARDIOLOGY

February 17-20—**Thoracic Imaging 1986.** Society of Thoracic Radiology at Newporter Beach Resort Hotel, Newport Beach. Monday-Thursday. Fee: \$425. Contact: Dwan Ryals, PO Box 610203, DFW Airport, Texas 75261-0203. (214) 659-9590.

February 17-21—**Coronary Artery Disease: Hypertension, Cholesterol and Risk Factor Management.** International Medical Education Corp at Royal Lahaina Resort, Maui, Hawaii. Monday-Friday. 16 hrs. Fee: \$220-\$360. Contact: Doris Price, 64 Inverness Dr E, Englewood, CO 80112. (800) 525-8651.

February 18-21—**Echocardiography Interpretation Workshop.** Straub Clinic and Hospital and the Institute for Medical Studies. Maui, Hawaii. Tuesday-Friday. 12 hrs. Fee: \$325. Contact: Kim Stroich, (714) 495-4499.

February 21-22—**Arrhythmias: Interpretation, Diagnosis, and Management,** Creighton University School of Medicine and Medical Education Resources at Desert Inn Hotel, Las Vegas. Friday-Saturday. 11 hrs. Fee: \$295. Contact: Debbie Wilderson, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756 or in Colorado (303) 798-9682.

February 21-23 —**Series II: Arrhythmias: Interpretation, Diagnosis, and Management.** Creighton University School of Medicine at Desert Inn Hotel Las Vegas. Friday-Sunday. 13 hrs. Contact: Leslie Shaffer, (303) 798-9682.

February 24-27—**4th Annual Cardiology Update.** Straub Clinic and Hospital and the Institute for Medical Studies at Honolulu, Hawaii. Monday-Thursday. 15 hrs. Fee: \$395. Contact: Kim Stroich, (714) 495-4499.

February 24-28—**General Internal Medicine: Cardiology.** UCSF at Hyatt, Lake Tahoe, Monday-Friday. Fee: \$365.

March 7-9—**Cardiology for the Primary Care Physician.** UCSD at Palm Springs Spa Hotel, Palm Springs. Friday-Sunday. 18 hrs. Contact: UCSD.

March 9-12—**Pulmonary Medicine.** UCSF Fresno at Ahwanhee Hotel and Yosemite Lodge, Yosemite National Park. Sunday-Wednesday. Contact: Sharon Balestra, Extended Programs in Medical Education, (209) 225-6100 ext. 562.

March 9-16—**Cardiology Tutorial in the Wilderness.** UCSD at Royal Gorge Cross Country Ski Resort. One week. 24 hrs. Fee: \$395. Contact: UCSD.

March 10-12—**Vascular and Pulmonary Diseases: Diagnosis and Management.** University of Colorado and Medical Education Resources at Sheraton Maui Hotel, Maui, Hawaii. Monday-Wednesday. 11

hrs. Fee: \$295. Contact: Debbie Wilderson, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756 or in Colorado (303) 798-9682.

March 14-16—**The Clinical Approach to Exercise Testing Fitness Evaluation and Cardiac Rehabilitation.** IMEC at Hyatt at Union Square. Friday-Sunday. Fee: \$295. Contact: Doris Price, Educational Programs Coordinator, IMEC, (800) 525-8651.

March 19-21—**Advances in the Management of Pulmonary Infections.** California Thoracic Society at Marriotts Santa Barbara. Wednesday-Friday. Fee: \$300. Contact: Colleen McComas, (415) 638-5864.

March 21-23—**ECG Interpretation and Arrhythmia Management.** IMEC at Desert Inn, Las Vegas. Friday-Sunday. Fee: \$295. Contact: Doris Price, (800) 525-8651.

March 24-26—**New Directions in Cardiac Rehabilitation.** Stanford. Monday-Wednesday. Contact: American College of Cardiology, 9111 Georgetown Rd., Bethesda, MD 20814.

April 7-11—**Coronary Artery Disease: Hypertension Cholesterol and Risk Factor Management.** IMEC at Sheraton Waikiki. Monday-Friday. Contact: Doris Price, (800) 525-8651.

April 11-13—**Update on Cardiac Drugs/CPR.** Superior California Medical Education Council at Royal Gorge Cross Country Ski Resort, Soda Springs. Monday-Sunday. 10 hrs. Fee: \$345-\$460. Contact: J. Bear Co, PO Box 1117, Burney, CA 96013. (916) 335-3388.

April 17-19—**Thoracic Imaging Update, 1986.** UCSF at Monterey. Thursday-Saturday. Contact: UCSF.

May 9—**7th Annual State of the Heart Symposium.** Beverly Hospital at Los Angeles Music Center, Los Angeles. Friday. 7 hrs. Contact: (213) 725-4216 or 725-4270.

May 16-18—**Update on Cardiac Drugs/CPR.** Superior California Medical Education Council at Alexander Valley. Friday-Sunday. 10 hrs. Fee: \$260-\$295. Contact: J. Bear Co., PO Box 1117, Burney, CA 96013. (916) 335-3388.

May 30-June 1—**Cardiovascular Fitness, Sports Medicine and Nutrition.** Superior California Medical Education Council at Alexander Valley. Friday-Sunday. 10 hrs. Fee: \$260-\$295. Contact: J. Bear Co., PO Box 1117, Burney, CA 96013. (916) 335-3388.

June 8-11—**Advanced Echocardiography and Doppler Ultrasound.** American College of Cardiology at Sheraton Harbor Island, San Diego. Sunday-Wednesday. Contact: American College of Cardiology, 9111 Georgetown Rd., Bethesda, MD 20814. (301) 897-5400 ext. 227.

(Continued on Page 156)

THEO-DUR[®]

(theophylline anhydrous) Sustained Action Tablets

Today's most widely prescribed bronchodilator.

Description: THEO-DUR sustained action tablets contain anhydrous theophylline, a bronchodilator, in a sustained release formulation (with no color additives) which allows a 12-hour dosing interval for a majority of patients and a 24-hour dosing interval for selected patients.

Clinical Pharmacology: Theophylline directly relaxes the smooth muscle of the bronchial airways and pulmonary blood vessels, thus acting mainly as a bronchodilator and smooth muscle relaxant. The drug also produces other actions typical of the xanthine derivatives: coronary vasodilator, cardiac stimulant, diuretic, cerebral stimulant, and skeletal muscle stimulant. The actions of theophylline may be mediated through inhibition of phosphodiesterase and a resultant increase in intracellular cyclic AMP. Apparently, no development of tolerance occurs with chronic use of theophylline.

Indications: THEO-DUR is indicated for relief and/or prevention of symptoms of bronchial asthma and for reversible bronchospasm associated with chronic bronchitis and emphysema.

Contraindications: THEO-DUR is contraindicated in individuals who have shown hypersensitivity to theophylline or any of the tablet components.

Warnings: Excessive theophylline doses may be associated with toxicity; serum theophylline levels should be monitored to insure maximum benefit with minimum risk. Incidence of toxicity increases at serum levels greater than 20 mcg/ml. High blood levels of theophylline resulting from conventional doses are correlated with clinical manifestations of toxicity in: patients with lowered body plasma clearances, patients with liver dysfunction or chronic obstructive lung disease, and patients who are older than 55 years of age, particularly males. There are often no early signs of less serious theophylline toxicity such as nausea and restlessness, which may occur in up to 50% of patients prior to onset of convulsions. Ventricular arrhythmias or seizures may be the first signs of toxicity. Many patients who have higher theophylline levels exhibit tachycardia. Theophylline products may worsen pre-existing arrhythmias.

Precautions: THEO-DUR TABLETS SHOULD NOT BE CHEWED OR CRUSHED. Theophylline should not be administered concurrently with other xanthine medications. Use with caution in patients with severe cardiac disease, severe hypoxemia, hypertension, hyperthyroidism, acute myocardial injury, cor pulmonale, congestive heart failure, liver disease, in the elderly (especially males) and in neonates. In particular, great caution should be used in giving theophylline to patients with congestive heart failure. Frequently, such patients have markedly prolonged theophylline serum levels with theophylline persisting in serum for long periods following discontinuation of the drug. Use theophylline cautiously in patients with history of peptic ulcer. Theophylline may occasionally act as a local irritant to the G.I. tract although gastrointestinal symptoms are more commonly centrally mediated and associated with serum drug concentrations over 20 mcg/ml.

Individuals who are rapid metabolizers of theophylline, such as the young, smokers, and some non-smoking adults, may not be suitable candidates for once-daily dosing. These individuals will generally need to be dosed at 12 hourly or sometimes 8 hourly intervals. Such patients may exhibit symptoms of bronchospasm near the end of a dosing interval, or may have wider peak-to-trough differences than desired.

Usage in Pregnancy: Animal reproduction studies have not been conducted with theophylline. It is not known whether theophylline can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity. Xanthines should be given to a pregnant woman only if clearly needed.

Nursing Mothers: It has been reported that theophylline distributes readily into breast milk and may cause adverse effects in the infant. Caution must be used if prescribing xanthines to a mother who is nursing, taking into account the risk-benefit of this therapy.

Pediatric Use: Safety and effectiveness of THEO-DUR administered every 24 hours in children under 12 years of age, and every 12 hours in children under 6 years of age, have not been established.

Adverse Reactions: The most consistent adverse reactions are usually due to overdose and are:

Gastrointestinal: nausea, vomiting, epigastric pain, hematemesis, diarrhea.

Central nervous system: headaches, irritability, restlessness, insomnia, reflex hyperexcitability, muscle twitching, clonic and tonic generalized convulsions.

Cardiovascular: palpitation, tachycardia, extrasystoles, flushing, hypotension, circulatory failure, ventricular arrhythmias.

Respiratory: tachypnea.

Renal: albuminuria, increased excretion of renal tubular and red blood cells, potentiation of diuresis.

Others: rash, hyperglycemia and inappropriate ADH syndrome.

How Supplied: THEO-DUR 100 mg, 200 mg and 300 mg sustained action tablets are available in bottles of 100, 500, 1000 and 5000, and in unit dose packages of 100.

Caution: Federal law prohibits dispensing without prescription. For full prescribing information, see package insert.

Revised 12/83

KEY Key Pharmaceuticals, Inc.
Miami, Florida 33137

KY TD-1396

CONTINUING MEDICAL EDUCATION

(Continued from Page 149)

June 9-13—The Sixth National ACCP Pulmonary Board Review. American College of Chest Physicians at Town & Country Hotel, San Diego. Monday-Friday. 45 hrs. Contact: ACCP, 911 Busse Highway, Park Ridge, IL 60068-2375.

June 25-29—Western Thoracic Surgical Association Annual Meeting. WTSA at Silverado County Club, Napa. Wednesday-Sunday. Contact: TSA, 13 Elm St., Manchester, MA 01944. (617) 927-8330.

June 26-28—Consultative Cardiology: Update in Diagnostic and Therapeutic Techniques. ACC at The Westin South Coast Plaza, Costa Mesa. Thursday-Saturday. Contact: American College of Cardiology, (301) 897-5400.

June 30-July 2—Cardiac Morphology: Clinical, Echocardiographic and Angiographic Correlations. ACC at Hyatt Lake Tahoe Resort Hotel, Nevada. Monday-Wednesday. Contact: American College of Cardiology, (301) 897-5400.

EMERGENCY MEDICINE

February 23-28—Emergency Medicine: 1986. UCD at Hyatt Lake Tahoe. Sunday-Friday.

March 5-7—Emergency Medicine Update. Superior California Medical Education Council at Royal Gorge Cross Country Skiing Lodge, Soda Springs. Wednesday-Friday. 10 hrs. Fee: \$260-\$295. Contact: J. Bear Co, PO Box 1117, Burney, CA 96013. (916) 335-3388.

March 9-14—Seventh Annual Mammoth Mountain Emergency Medicine Ski Conference. UCI at Mammoth Lakes. Sunday-Friday. 20 hrs. Fee: \$325.

March 17-21—Postgraduate Institute for Emergency Physicians Symposium II. UCSD at La Jolla Village, San Diego. Monday-Friday. 33 hrs. Fee: \$440.

March 24-26—Clinical Advances and Research Updates in Emergency Medicine. UCSF at Cathedral Hill Hotel, San Francisco. Monday-Wednesday.

April 4-6—Emergency Medicine Update. Superior California Medical Education Council at Alexander Valley. Friday-Sunday. 10 hrs. Fee: \$260-\$295. Contact: J. Bear Co., PO Box 1117, Burney, CA 96013. (916) 335-3388.

April 18-20—Wilderness Emergency Care. Superior California Medical Education Council at Alexander Valley. Friday-Sunday. 10 hrs. Fee: \$260-\$295. Contact: J. Bear Co., PO Box 1117, Burney, CA 96013. (916) 335-3388.

May 5-9—Postgraduate Institute for Emergency Physicians: Symposium I. UCSD at Vacation Village Resort, San Diego. Monday-Friday. 33 hrs.

(Continued on Page 158)

(Continued from Page 156)

May 16-17—**Emergency Medical Symposium.** Department of Clinical Services, Southern California Permanente Medical Group, at Long Beach Hyatt, Long Beach. Friday-Saturday. Contact: Dept. of Clinical Services, 393 E. Walnut St., Pasadena, CA 91188. (818) 405-6327.

June 16-20—**Topics in Emergency Medicine.** UCSF at Union Square Holiday Inn, San Francisco. Monday-Friday. 33 hrs. Fee: \$400. Contact: UCSF.

June 16-20—**Wilderness Emergency Care.** Superior California Medical Education Council at Lava Creek Rushing Lodge, Fall River Mills. Monday-Friday. 15 hrs. Fee: \$725. Contact: J. Bear Co., PO Box 1117, Burney, CA 96013. (916) 335-3388.

June 16-20—**Postgraduate Institute for Emergency Physicians: Symposium III.** UCSD at Hilton Beach and Tennis Resort, San Diego. Monday-Friday. 33 hrs. Fee: \$215-\$440.

June 28-29—**8th Annual Poison Center Symposium: Emergency Pharmacology and Toxicology.** UCSF at UCSF, San Francisco. Saturday-Sunday. Contact: UCSF.

INTERNAL MEDICINE

February 17-19—**Clinical Hematology and Oncology: 1986.** Scripps Clinic at Vacation Village Resort, San Diego. Monday-Wednesday. 19 hrs. Fee: \$290. Contact: Dept. of Academic Affairs, (619) 457-8556.

February 17-21—**Topics in Internal Medicine.** UCSD at Town & Country Hotel, San Diego. Monday-Friday. 36 hrs. Contact: UCSD.

February 20-23—**Evolving Treatment for Neurologic Disorders.** Federation of Western Societies of Neurological Science at Westin St. Francis, San Francisco. Thursday-Sunday. 20 hrs. Fee: \$250-\$300. Contact: Renee Kaseff, 525 Hurlingham, San Mateo, CA 94402. (415) 340-9084.

February 21-22—**Advances in Diagnostic Techniques in Internal Medicine.** UCSD at Town & Country Hotel, San Diego. Friday-Saturday. 12 hrs. Contact: UCSD.

February 27-March 1—**Advances in Clinical Infectious Diseases: Update 1986.** University of Michigan at Sheraton Coconut Beach, Kauai, Hawaii. Thursday-Saturday. 11.5 hrs. Contact: Dove Margenau, Office of CME, University of Michigan Medical School, Towsley Center, Box 057, Ann Arbor, MI 48109, (313) 763-0010.

March 7-8—**Circuit Course in Internal Medicine.** American College of Physicians at Sainte Claire Hilton, San Jose. Friday-Saturday. Contact: American College of Physicians, 4200 Pine St., Philadelphia, PA 19104, Attn: Registration Services.

March 14-16—**Frontiers of Rheumatology: 4th Carl M. Pearson Memorial Symposium.** Annenberg Center for Health Sciences and Southern California Chapter of the Arthritis Foundation at Annenberg Center. Friday-Sunday. Contact: Annenberg Center, 39000 Bob Hope Dr., Rancho Mirage, CA 92270. (800) 321-3690 (National), (800) 621-7322 (California).

March 20-22—**Gynecologic Urology: New Perspectives.** UCI at Palm Springs Hilton Hotel. Thursday-Saturday. 15 hrs.

March 25-26—**First International Symposium on the Clinical Update of the Female Reproductive Tract Infections.** Charles Drew Postgraduate Medical School at Disneyland Hotel, Anaheim. Tuesday-Wednesday. 8 hrs. Contact: Herbert Thomas, (213) 563-4927.

March 26-28—**Internal Medicine Update.** UCD at Holiday Inn, Sacramento. Wednesday-Friday. Contact: UCD.

April 5—**Neurology Symposium.** Southern California Permanente Medical Group at Disneyland Hotel, Anaheim. Saturday. Contact: Department of Clinical Services, 393 E. Walnut St., Pasadena, CA 91188. (818) 405-6327.

April 5-6—**Transurethral Ureteroscopy: A Seminar and Workshop.** UCSD at Hilton Beach & Tennis Resort, San Diego. Saturday-Sunday. 13.5 hrs. Fee: \$250-\$350. Contact: UCSD.

April 14-16—**Advances in Infectious Disease.** UCSF at Hotel Meridien, San Francisco. Monday-Wednesday. Fee: \$325. Contact: UCSF.

April 26—**Gastroenterology.** UCSF Fresno. Saturday.

May 19-23—**Advances in Internal Medicine.** UCSF at Hotel Meridien, San Francisco. Monday-Friday. 31.5 hrs. Fee: \$420. Contact: UCSF.

June 6-7—**International Symposium on IgG4 and Its Role in Clinical Immunology.** UCD at San Francisco Airport. Friday-Saturday. Contact: UCD.

June 19-21—**Gastroenterology: Recent Developments in Theory and Practice.** UCSF at St. Francis Hotel, San Francisco. Thursday-Saturday. Contact: UCSF.

June 23-27—**Advances in Internal Medicine.** UCSF at San Francisco. Monday-Friday. 31.5 hrs. Fee: \$420. Contact: UCSF.

July 6—**Practical Course Diagnosis and Treatment of Neuromuscular Diseases.** Muscular Dystrophy Association at University of Southern California, Los Angeles. Sunday. 6 hrs. Contact: NMD VI, KAM 318, USC School of Medicine, 2025 Zonal Ave., Los Angeles, CA 90033. (213) 224-7460.

(Continued on Page 162)

XANAX® Tablets
(alprazolam) ©

CONTRAINDICATIONS

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation (see Drug Interaction section). Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage (see Dosage and Administration). Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacologic activity of XANAX, eg, drowsiness or lightheadedness.

Central nervous system: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

Gastrointestinal: Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

Cardiovascular: Tachycardia/palpitations, and hypotension.

Sensory: Blurred vision.

Musculoskeletal: Rigidity and tremor.

Cutaneous: Dermatitis/allergy.

Other side effects: Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, transient amnesia or memory impairment, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes of unknown significance have been observed.

DRUG ABUSE AND DEPENDENCE

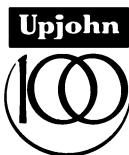
Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addiction-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

DOSAGE AND ADMINISTRATION

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than one milligram every three days.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

B-4-S



A Century
of Caring
1886-1986

J-5963

January 1986

CONTINUING MEDICAL EDUCATION

(Continued from Page 158)

OB/GYN

February 20-22—Recent Advances in Reproductive Medicine. Memorial Medical Center of Long Beach at Newport Beach Marriott Hotel, Newport Beach. Thursday-Saturday. 14 hrs. Contact: Center for Health Education, PO Box 1428, Long Beach, CA 90801-1428. (213) 595-3811.

February 21-23—Office Gynecology for the Primary Care Physician. UCSD at Hyatt Islandia, San Diego. Friday-Sunday. 18 hrs.

February 27-March 2—Controversies in Obstetrics and Gynecology. Memorial Medical Center of Long Beach at Royal Lahaina Resort, Hawaii. Thursday-Sunday. Contact: Margaret Frederick, (213) 595-3811.

March 6-9—Medical and Legal Perspectives in Perinatal Medicine: The Ninth Annual San Diego Symposium. San Diego Reproductive Medicine Research and Education Foundation at Hotel Inter-Continental, San Diego. Thursday-Sunday. 16 hrs. Contact: RMREF, PO Box 33185, San Diego, CA 92103. (619) 692-9115.

March 20-22—Gynecologic Urology: New Perspectives. Memorial Medical Center of Long Beach at Hilton Hotel, Palm Springs. Thursday-Saturday. 15 hrs. Contact: Center for Health Education, PO Box 1428, Long Beach, CA 90801-1428. (213) 595-3811.

March 21-22—First International Symposium on the Clinical Update of the Female Reproductive Tract Infections. DREW at Disneyland Hotel, Anaheim. Friday-Saturday. 8 hrs. Contact: DREW.

April 11—Cesarian Section: Controversy Over When and Why. Alta Bates Hospital, Berkeley. Friday. 5 hrs. Contact: Alta Bates Hospital, 3001 Colby Brk., Berkeley, CA 94705. (415) 540-0337.

April 11-13—OB/GYN and Abdominal Sonography: Update 1986. UCSF at Fairmont Hotel, San Francisco. Friday-Sunday.

April 18-19—Obstetrics/Gynecology Symposium. Southern California Permanente Medical Group at Bonaventure Hotel, Los Angeles. Friday-Saturday. Contact: Department of Clinical Services, 393 E. Walnut St., Pasadena, CA 91188. (818) 405-6327.

June 19-21—Urogynecology and Pelvic Surgery for the Practicing Gynecologist. American College of Obstetricians and Gynecologists at Silverado County Club, Napa. Thursday-Saturday. 16 hrs. Fee: \$385. Contact: ACOG, 600 Maryland Ave, SW, Ste 300 E, Washington, DC 20024-2585.

(Continued on Page 250)

REFERENCES

- Garcia EV, Van Train K, Maddahi J, et al: Quantification of rotational thallium-201 myocardial tomography. *J Nucl Med* 1985 Jan; 26:17-26
- Maddahi J, Van Train K, Wong C, et al: Quantitative analysis of thallium-201 myocardial single photon emission computerized rotational tomography: Development, validation and prospective application of an optimized computerized method (Abstr). *J Am Coll Cardiol*, in press
- Prigent F, Maddahi J, Garcia E, et al: Single-photon emission computerized tomography for quantification of experimental myocardial infarct size (Abstr). *J Am Coll Cardiol* 1985 Feb; 5:440
- Prigent F, Maddahi J, Garcia E, et al: Quantification of the extent and severity of myocardial ischemia in single-vessel disease using stress-redistribution thallium-201 single-photon emission computerized tomography. *Am Heart J*, in press
- Tamaki K, Yonekura Y, Mukai T, et al: Stress thallium-201 transaxial emission computed tomography: Quantitative versus qualitative analysis for evaluation of coronary artery disease. *J Am Coll Cardiol* 1984 Dec; 4:1213-1221

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(Continued from Page 162)

OPHTHALMOLOGY

February 22—**Ophthalmology** UCSF at VA Medical Center, Fresno. Saturday. Contact: Fresno/Central San Joaquin Valley Medical Education Program, 2615 E Clinton Ave, CA 93703. (209) 225-6100.

February 28-March 1—**Fluorescein Angiography Techniques and Interpretation**. UCLA at Jules Stein Eye Institute. Friday-Saturday.

June 2—**10th Annual Clinical and Research Symposium in Ophthalmology**. UCD at Red Lion Motor Inn, Sacramento. Monday. Contact: UCD.

June 5-7—**Cosmetic Blepharoplasty Workshop**. UCLA at Jules Stein Eye Institute. Thursday-Saturday.

June 14—**Microsurgery and Laser Techniques for Glaucoma**. UCLA at Jules Stein Eye Institute. Saturday.

June 27-July 1—**Pacific Coast Oto-Ophthalmological Society Annual Meeting**. UCLA at Hotel Intercontinental Maui. Friday-Tuesday.

PATHOLOGY

May 22-23—**3rd Annual Current Issues in Anatomic Pathology**. UCSF at Union Square Holiday Inn, San Francisco. Thursday-Friday.

PEDIATRICS

February 21-22—**High Risk Infants: 1986 Advances in Follow-Up Intervention**. UCD at Sacramento Inn, Sacramento. Friday-Saturday. Contact: UCD.

February 24-26—**Pediatrics Update 1986**. Continuing Medical Education Associates at Hyatt Islandia, San Diego. Monday-Wednesday. 18 hrs. Fee: \$275. Contact: CMEA, PO Box 84296, San Diego, CA 92138. (619) 223-2997.

March 12—**Newborn and Pediatric Ethics**. Enloe Hospital at Chico. Wednesday. 6 hrs. Contact: Linda Morgado, W 5th Ave and the Esplanade, Chico, CA 95926. (916) 891-7375.

March 13-16—**Clinical Pediatrics/Combined Southern California Pediatric Postgraduate**. California Chapter 2 American Academy of Pediatrics at Palm Springs. Thursday-Sunday. 14 hrs. Fee: \$245-\$275. Contact: Eve Black, PO Box 2134, Inglewood, CA 90305. (213) 757-1198.

March 29-April 5—**Pediatric Emergencies**. Scripps Memorial Hospital at Waiohai and Poipu Beach, Kauai. One week. 21 hrs.

April 11-12—**Annual Pediatrics Program: Pediatric Infectious Disease**. UCD at Woodlake Inn, Sacramento. Friday-Saturday. Contact: UCD.

April 12-17—**American Academy of Pediatrics**

Spring Session. At Orlando, FL. Saturday-Thursday. Contact: AAP, 1801, 1801 Hinman Ave, Evanston, IL 60201. (800) 433-9016.

April 28-29—**5th Annual Child Abuse and Neglect Conference**. UCD at Red Lion Motor Inn, Sacramento. Monday-Tuesday. Contact: UCD.

May 12-16—**16th Annual Review of Pediatrics**. USC at Los Angeles. Monday-Friday. 25 hrs. Contact: USC.

May 14—**Annual Spring Meeting/Adolescent Seminar**. Los Angeles Pediatric Society at Los Angeles. Wednesday. 5 hrs. Fee: \$100-\$135. Contact: Eve Black, PO Box 2134, Inglewood, CA 90305, (213) 757-1198.

July 7-12—**18th International Congress of Pediatrics**. International Pediatric Association at Sheraton Waikiki, Honolulu, Hawaii. Monday-Saturday. Contact: Gerald E. Hughes, MD, FAAP, Director Office of the International Congress of Pediatrics. (800) 433-9016, in Illinois (800) 421-0589.

PSYCHIATRY

March 20-22—**25 Years of Mental Health Leadership: A Clinical Update**. UCLA. Thursday-Saturday. 16 hrs. Contact: UCLA.

April 19-20—**The Cutting Edge, 1986: Master Clinicians at Work; How Psychotherapy Heals**. UCSD at Hotel Inter-Continental, San Diego. Saturday-Sunday. 13 hrs. Fee: \$125-\$275. Contact: UCSD.

RADIOLOGY

February 26—**Magnetic Resonance Imaging of the Spine and Brain**. Cedars-Sinai Medical Center at Los Angeles. Wednesday. 6 hrs. Contact: Lore Kahane, CME Coordinator, Cedars-Sinai Medical Center, Box 48750, Los Angeles, CA 90048-0750. (213) 885-5547.

March 3-4—**Neuroradiology Update**. UCSD at Hotel Del Coronado, San Diego. Monday-Tuesday. 11 hrs.

March 3-7—**Magnetic Resonance Imaging Update**. UCSD at Hotel Del Coronado, San Diego. Monday-Friday. 20 hrs.

March 4-7—**Sierra Radiology Conference**. Sacramento Radiology Research and Education Foundation at Hyatt Lake Tahoe, Incline Village, NV. Tuesday-Friday. 20 hrs. Fee: \$345. Contact: SRREF, PO Box 19184, Sacramento, CA 95819.

March 5-7—**Magnetic Resonance Imaging Update**. UCSD at Hotel Del Coronado, San Diego. Wednesday-Friday. 18 hrs. Contact: Mary J. Ryals, PO Box 610203, Dallas Fort Worth Airport, TX 75261-0203. (214) 659-9590.

March 10-14—Diagnostic Imaging 1986: CT, Ultrasound MRI and Intervention Radiology. UCSF at Waiohai Hotel, Hawaii. Monday-Friday. 24 hrs. Fee: \$495.

March 22-23—Diagnostic Imaging 1986. UCSF at Waiohai Hotel, Kauai, Hawaii. Saturday-Sunday. Contact: UCSF.

March 24-28—Diagnostic Radiology. UCSF at Fairmont Hotel, San Francisco. Monday-Friday. Fee: \$495.

April 28-May 2—Annual San Diego Residents Radiology Review Course. UCSD at Town and Country Hotel, San Diego. Monday-Friday. 35 hrs. Fee: \$375.

May 8-11—Radiology Board Review. UCSF at Hyatt Regency, San Francisco. Thursday-Sunday. Contact: UCSF.

May 20-23—Present Concepts in Diagnostic Radiology. Letterman Army Medical Center at San Francisco. Tuesday-Friday. 26 hrs. Contact: Frank Quatromani, Dept of Radiology, Letterman Army Medical Center, San Francisco, CA 94129-6700. (415) 561-3764.

SPORTS MEDICINE

March 17-21—University of Hawaii Sports Medicine Course. American Academy of Family Physicians at Pacific Beach Hotel, Honolulu. Monday-Friday. 18 hrs. Contact: Ms Joy Lewis, (808) 948-8244.

SURGERY

February 20-23—Evolving Treatment for Neurologic Disorders: Neurology, Neurosurgery, Neuroradiology. Federation of Western Societies of Neurological Science at Westin St. Francis, San Francisco. Thursday-Sunday. 20 hrs. Fee: \$250-\$300. Contact: Renee Kaseff, 525 Hurlingham, San Mateo, CA 94402. (415) 340-9084.

March 13-15—Preoperative Evaluation of the Surgical Patient. UCSF at Holiday Inn, Union Square, San Francisco. Thursday-Saturday. 16.5 hrs. Fee: \$295. Contact: UCSF.

March 13-15—Moving Ahead: Amputation Rehabilitation A Multidisciplinary Approach. Sharp Memorial Hospital at Holiday Inn, San Diego. Thursday-Saturday. 19 hrs. Fee: \$225. Contact: Mary Dokmanovich, (619) 292-2551.

March 13-16—Society for Office Based Surgery Annual Meeting at Sheraton Harbor Island East, San Diego. Thursday-Sunday. Contact: SOBS, PO Box 33185, San Diego, CA 92103. (619) 692-9918.

March 19-23—What's New and What's True in Or-

thopaedics. UCD at Silverado, Napa. Wednesday-Sunday. Contact: UCD.

April 17-19—Postgraduate Course in General Surgery. UCSF at Hilton, San Francisco. Thursday-Saturday.

April 19-26—Temporal Bone Surgical Dissection and Cochlear Implant Courses. House Ear Institute at Los Angeles. One week. 62 hrs. Fee: \$700-\$900. Contact: House Ear Institute, 256 S Lake St, Los Angeles, CA 90057. (213) 483-4431.

May 3-4—Surgery Symposium. Southern California Permanente Medical Group at Disneyland Hotel, Anaheim. Saturday-Sunday. Contact: Department of Clinical Services, 393 E. Walnut St., Pasadena, CA 91188. (818) 405-6327.

May 12-16—Internal Derangements of the Temporomandibular Joint. UCSF at Kauai, Hawaii. Monday-Friday. Contact: UCSF.

June 5-6—The 15th Annual Neurosurgery Postgraduate Course and the 9th Annual Neurosurgical Nurses Conference. UCSF at Meridien Hotel, San Francisco. Thursday-Friday.

June 6-7—5th Annual Southwestern Regional Cutaneous Flap Workshop. UCLA at Los Angeles. Friday-Saturday. Contact: Daniel F. Gormley, MD, Foothill Medical Arts Bldg, Ste 207, 412 W Carroll Ave, Glendora, CA 91740. (818) 963-7684.

OF INTEREST TO ALL PHYSICIANS

February 17-19—Multiple Drug Dependencies—Epidemiology, Diagnosis and Treatment. Annenberg Center for Health Sciences. Monday-Wednesday. Contact: Annenberg Center for Health Sciences, 39000 Bob Hope Dr., Rancho Mirage, CA 92270. (800) 321-3690.

February 17-28—Intensive Residency in Occupational Medicine. UCSF at San Francisco. Monday-Friday. Contact: UCSF.

February 19-21—EMS Today-Administrative Instructor and Clinical Tracks. UCSD at Holiday Inn, San Diego. Wednesday-Friday. 15 hrs. Fee: \$240.

February 19-23—Hawaii Dermatology Seminar. Northwestern University at Hawaii. Wednesday-Sunday. Contact: Dept of Dermatology, Northwestern University Medical School, 303 E Chicago Ave, Chicago, IL 60611.

February 20-22—Recent Advances in Reproductive Medicine. Memorial Medical Center of Long Beach at Newport Beach Marriott Hotel. Thursday-Saturday. 14 hrs. Contact: Assistant Director Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801.

February 22—**Stroke and the Elderly Patient: 3rd Annual Geriatrics Seminar.** St. Mary's Hospital at Fairmont Hotel, San Francisco. Saturday. Contact: Tony Buck, Geriatrics Symposium Coordinator, St. Mary's Hospital, 450 Stanyan St, San Francisco, CA 94117. (415) 750-5888.

February 22-March 1—**Orthopedic Emergencies.** UCSD at Royal Lahaina Resort, Maui. One week. 21 hrs. Fee: \$350.

February 26-March 5—**Third Annual Review and Update: General Pediatrics and Family Practice.** University of Nebraska Medical Center at Royal Waikiloa Hotel, Kona. One week. 20 hrs. Contact: University of Nebraska Medical Center, (402) 559-4152.

February 27-28—**Advances and Issues in Acute Medicine.** The Johns Hopkins University School of Medicine at Hawaiian Regent Hotel, Honolulu. Thursday-Friday. 13 hrs. Fee: \$250. Contact: Kuakini Medical Center, Department of Education and Training, 347 North Kuakini St, Honolulu, HI 96817. (808) 547-9252.

February 27-March 2—**24th Annual Symposium on Critical Care Medicine.** UCLA at MGM Grand Hotel, Las Vegas. Thursday-Sunday.

February 28-March 1—**Fluorescein Angiography: Techniques and Interpretation.** Jules Stein Eye Institute at Los Angeles. Friday-Saturday. Contact: UCLA.

February 28-March 5—**CMA Annual Session.** Bona-venture Hotel, Los Angeles. Friday-Wednesday.

March 1—**Physical Medicine and Rehabilitation.** Southern California Permanente Medical Group at Disneyland Hotel, Anaheim. Saturday. Contact: Department of Clinical Services, 393 E. Walnut St., Pasadena, CA 91188. (818) 405-6327.

March 1-2—**Annual Workshop San Francisco Academy of Hypnosis.** San Francisco Academy of Hypnosis at Letterman Army Medical Center, San Francisco. Saturday-Sunday. Fee: \$300. Contact: Jan Brooks, (415) 826-0533.

March 5-12—**Third Annual Review and Update: General Pediatrics and Family Practice.** University of Nebraska Medical Center at Royal Lahaina Hotel, Maui, Hawaii. One week. 20 hrs. Fee: \$250-\$400. Contact: Marge Adey, Center for Continuing Education, University of Nebraska Medical Center, 42nd and Dewey Ave, Omaha, NE 68105. (402) 559-4152.

March 6-8—**International Conference on Monoclonal Antibody Immunoconjugates for Cancer.** UCSD at Hotel Inter-Continental, San Diego. Thursday-Saturday. Contact: UCSD.

March 6-9—**Medical and Legal Perspectives in Perinatal Medicine: The Ninth Annual San Diego Symposium.** San Diego Reproductive Medicine Research and Education Foundation at Hotel Inter-Continental, San Diego. Thursday-Sunday. 16 hrs. Contact: Reproductive Medicine Research and Education, (619) 692-9115.

March 7—**12th Annual Diabetes Program.** UCD at Sacramento. Friday. Contact: UCD.

March 8-15—**Pain Mechanisms and Management.** UCSF at Maui Inter-Continental, Wailea. One week. 23 hrs. Fee: \$350.

March 10-14—**Family Practice Refresher Course.** UCSD at Palm Springs Spa Hotel, Palm Springs. Monday-Friday. 29 hrs. Contact: UCSD.

March 12-14—**36th Annual Course for Physicians in Family Practice.** Mount Zion Medical Center. San Francisco. Wednesday-Friday. Contact: Robin B. Jackson, (415) 885-7269.

March 14-15—**Clinical Preventive Medicine: 1985.** UCD at Woodlake Inn, Sacramento. Friday-Saturday. Contact: UCD.

March 14-16—**Office Emergencies in Primary Care.** UCSD at Hotel Del Coronado. Friday-Sunday. 18 hrs. Fee: \$275.

March 21—**Nora Eccles Harrison Diabetes and Nutrition Update: Nutrition Controversies.** UCD at San Francisco Hilton. Friday. 5 hrs.

March 21-23—**Trauma and Intensive Care: The High Risk Connection/1986 Annual Meeting.** International College of Surgeons, US Section at Caesars Palace, Las Vegas, Nevada. Friday-Sunday. 15 hrs. Contact: International College of Surgeons, 1516 North Lake Shore Dr., Chicago, IL 60610.

March 24-29—**Counseling Strategies for Physicians.** University of Texas at Oahu, Hawaii. Monday-Saturday. 17 hrs. Fee: \$325. Contact: Sam A. Nixon, 1 (800) 332-8747.

April 10-13—**67th Annual Session.** American College of Physicians at Moscone Center, San Francisco. Thursday-Sunday. Contact: Carol Trotman, (215) 243-1200.

April 17-18—**Regional Scientific CME Meeting.** American College of Physicians at Hawaiian Regent Hotel, Honolulu, Hawaii. Thursday-Friday. Contact: Irwin J. Schatz, MD, University of Hawaii, Department of Medicine, 1356 Lusitana St., Honolulu, HI 96813. (808) 548-2810 ext. 20.

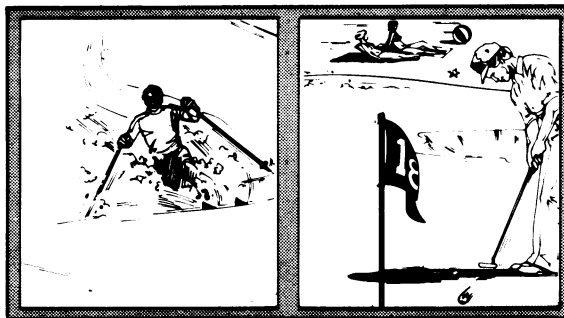
April 17-18—**6th Annual Infectious Diseases Symposium/Clinical Update.** Sutter Community Hospitals, Mercy Hospital of Sacramento at Hilton Hotel, Sacramento. Thursday-Friday. 14 hrs. Contact: Metro Centre, 1600 Sacramento Inn Way, Suite 132, Sacramento, CA 95815. (916) 925-1366.

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CONTINUING MEDICAL EDUCATION

April 26—Family Practice Symposium. Southern California Permanente Medical Group at Marriott Hotel, Anaheim. Saturday. Contact: Department of Clinical Services, 393 E. Walnut St., Pasadena, CA 91188. (818) 405-6327.

April 30-May 4—Eighth Annual Wound Management Workshop. UCSD at Hyatt Islandia Hotel, San Diego. Wednesday-Sunday. 19 hrs.

May 4-8—Dermatology for Primary Care Physicians. UCD at Embassy Suites, Napa. Sunday-Thursday. Contact: UCD.

May 7—Thyroid 1986. The Hospital of the Good Samaritan at The Moseley-Salvatori Conference Center, Los Angeles. Wednesday. 7 hrs. Contact: Dolores Gay, Coordinator of Symposia, The Hospital of the Good Samaritan, 616 S. Witmer St., Los Angeles, CA 90017. (213) 977-2352.

May 8-11—Nevada State Medical Association Annual Meeting and Scientific Session. Nevada State Medical Association at John Ascuaga's Nugget, Sparks, Nevada. Thursday-Sunday. Contact: Kathleen Boyce, NSMA, 3660 Baker Lane, Reno, NV 89509. (702) 825-6788.

May 17—Dermatology. UCSF at VA Medical Center,

Fresno. Saturday. Contact: Fresno/Central San Joaquin Valley Medical Education Program, 2615 E Clinton Ave, Fresno, CA 93703. (209) 255-6100.

May 18-22—13th Annual Family Practice Refresher Course: Current Concepts in Primary Care. UCD at Embassy Suites, Napa. Sunday-Thursday. Contact: UCD.

June 5-6—Occupational and Environmental Medicine. UCD at Beverly Garland Hotel, Sacramento. Thursday-Friday. Contact: UCD.

June 15-20—Fingers to Toes: Orthopaedics for Primary Care. UCD at Stanford Sierra Camp, Fallen Leaf Lake, CA. Sunday-Friday. Contact: UCD.

June 16-20—Wilderness Medicine. Superior California Medical Education Council at Lava Creek Fishing Lodge, Fall River Mills, CA. Monday-Friday. 15 hrs. Fee: \$725-\$775. Contact: J. Bear Co., PO Box 1117, Burney, CA 96013. (916) 335-3388.

June 30-July 2—American Health Planning Association 16th Annual Meeting. At Hyatt Regency, San Francisco. Monday-Wednesday. Contact: AHPA, 1110 Vermont Ave, NW, Ste 950, Washington, DC 20005. (202) 861-1200.

July 6-11—**4th International Symposium on Psoriasis.** Pan American Health Organization at Stanford University, Stanford, CA. Sunday-Friday. Contact: STAN.

IDAHO

February 15-22—**Endocrinology/Diabetes.** University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

MONTANA

See Montana listings under WASHINGTON.

NEW MEXICO

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

February 20-22—**19th Annual OB/GYN Postgraduate Seminar.** Albuquerque. Thursday-Saturday. Hilton Inn. AMA Cat. I. Contact: University of New Mexico School of Medicine, Office of CME, Albuquerque 87131. (505) 277-3942.

February 21-23—**12th Annual Taos Lung Disease Symposium.** Taos. Friday-Sunday. Kachina Lodge. 11 hrs. AMA Cat. I, New Mexico Required Education, Cat. I. Contact: American Lung Association of New Mexico, 216 Truman NE, Albuquerque 87108. (505) 265-9732.

February 26-March 1—**Purgatory Ski Symposium.** Durango, Colorado. Wednesday-Saturday. Cascade Village. 14 hrs. AAFP Prescribed Credit. Contact: J. J. Greenberg, MD, 2121 Juan Tabo NE, Albuquerque 87112. (505) 292-4500.

February 27-March 1—**Second Annual Ruidoso Heart Symposium—Practical Cardiology Update.** Thursday-Saturday. Inn of the Mountain Gods. 16 hrs. AMA Cat. I, NM Required Education, Cat. I. Contact: American Heart Association, NM Affiliate, (505) 268-3711.

February 27-March 1—**Santa Fe Conference on Humans as Research Subjects: Issues and Concerns to Institutional Boards and Clinical Investigators.** Thursday-Saturday. Inn at Loretto. Contact: Lovelace Medical Center, Office of CME, 5400 Gibson Blvd SE, Albuquerque 87108. (505) 262-7353.

March 1—**New Mexico Pediatric Society—Wylder Lecture—Pediatric Allergies.** Albuquerque. Saturday. School of Nursing Building, UNM Campus. 4.5 hrs. AMA Cat. I, NM Required Education, Cat. I. Contact: Marilyn Stark, NM Pediatric Association, 7605 Mountain Rd NE, Albuquerque 87110. (505) 265-7431.

March 5-8—**Durango Sports Medicine Conference.** Durango, Colorado. Wednesday-Saturday. Contact: Lovelace Medical Center, Office of CME, 5400 Gibson Blvd SE, Albuquerque 87108. (505) 262-7353.

March 14-15—**11th Annual Arthritis Symposium—Advances in Arthritis.** Albuquerque. Friday-Saturday. AMFAC Hotel. 10 hrs. AMA Cat. I. Contact: Arthritis Foundation, 5112 Grand Ave NE, Albuquerque 87108. (505) 265-1545.

May 1-2—**New Mexico Medical Society Centennial Meeting.** Albuquerque. Thursday-Friday. Clarion Four Seasons. 10 hrs. AMA Cat. I, New Mexico Required Education, Cat. I, and AAFP Prescribed hours. Contact: New Mexico Medical Society, 303 San Mateo NE, #204, Albuquerque 87108. (505) 266-7868.

OREGON

The following list of continuing medical offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

(Continued on Page 256)

*(Continued from Page 254)***MEDICAL GRAND ROUNDS**

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 12:15 p.m. to 1:00 p.m. **Medical Grand Rounds.** Contact: Philippa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (505) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Nursing Education Building, Room 110. Contact: Department of Medicine, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7454.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane

Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230.

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m. **Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

FAMILY PRACTICE

March 28—**Fundamentals of Geriatric Care.** Portland. Friday. Red Lion/Lloyd Center. Contact: OHSU-CME.

OF INTEREST TO ALL PHYSICIANS

February 27-March 2—**Update in Rheumatology.** Bend. Thursday-Sunday. Inn of the Seventh Mountain. Contact: OHSU-CME.

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

(Continued on Page 258)

(Continued from Page 256)

April 9-11—**School of Medicine Alumni Scientific Sessions and Sommer Memorial Lectures.** Portland. Wednesday-Friday. Oregon Health Sciences University Library Auditorium. Contact: OHSU-CME.

June 27-28—**Orthopedics in Primary Care.** Ashland. Friday-Saturday. Ashland Hills Inn. Contact: OHSU-CME.

July 14-16—**Plastic Surgery for the Primary Care Physician.** Sunriver Resort. Monday-Wednesday. Contact: OHSU-CME.

July 17-19—**Dermatology for the Non-Dermatologist.** Sunriver Resort. Thursday-Saturday. Contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

MEDICAL GRAND ROUNDS

Each Wednesday—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept. of Internal Medicine, Univ. of Utah, (801) 581-7606.

* * *

February 15-19—**27th Annual OB/Gyn Update** (Sponsor: University of Utah). Saturday-Wednesday. Park City Yarrow Holiday Inn. 15 hrs. Contact: James Scott, MD, (801) 581-5501.

February 19-22—**Perinatology Update** (Sponsor: University of Utah). Wednesday-Saturday. Park City Yarrow Holiday Inn. 16.5 hrs. Contact: James Scott, MD, (801) 581-5501.

February 22-March 1—**9th Annual Update in Clinical Microbiology/Immunology** (Sponsor: University of Utah). One week. Park City Yarrow Holiday Inn. 25 hrs. Contact: John Matsen, MD, (801) 581-7480.

March 1—**Intermountain Association of Pathologists Annual Winter Meeting** (Sponsor: University of Utah). Saturday. Westin Hotel Utah, Salt Lake City. 4 hrs. Contact: Carl Kjeldsberg, MD, (801) 581-3283.

March 2-8—**Advances in Internal Medicine** (Sponsor: University of Utah). Sunday-Saturday. Snowbird. 25 hrs. Contact: Jennifer Fossum, (801) 581-3581.

March 3-7—**Surgical Pathology Workshops** (Sponsor: University of Utah). Monday-Friday. Park City Yarrow Holiday Inn. 20 hrs. Contact: Karen Rasmussen, (801) 268-7150.

March 5-7—**Common Problems in Pediatrics** (Sponsor: University of Utah). Wednesday-Friday. Salt Lake City. 12 hrs. Contact: Wendy Ellis, (801) 363-1887.

SPONSORS OF COURSES—ABBREVIATIONS

AF:	Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
CH:	Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
CWH:	Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
FHP:	Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
HAFB:	Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
HCH:	Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
LDSH:	Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
MDH:	McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
OEH:	Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
OSS:	Ogden Surgical Society, PO Box 9311, Ogden 84409.
PCMC:	Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
SHCC:	Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
SLSC:	Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
UAFP:	Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
UUMC:	University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
USMA:	Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
UVH:	Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
VAMC:	Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

(Continued on Page 260)



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(Continued from Page 258)

March 6-7—2nd Annual Symposium in Organ Transplantation. (Sponsor: University of Utah). Thursday-Friday. 14 hrs. Park City Yarrow Holiday Inn. Contact: Karen Engstrom, RN, (801) 581-2634.

March 6-7—Utah Ophthalmological Society Annual Park City Winter Meeting: Corneal Disease (Sponsors: Utah Ophthalmological Society and University of Utah). Thursday-Friday. Holiday Inn/Yarrow, Park City. Contact: Pam Hanson, (801) 355-5290.

March 9-15—Medical and Surgical Advances in G.I. (Sponsor: University of Utah). Sunday-Saturday. Park City Yarrow Holiday Inn. 25 hrs. Contact: Jennifer Fossum, (801) 581-3581.

March 11-21—Perinatal Transport Workshop (Sponsor: University of Utah). Tuesday-Friday. Little America Hotel, Salt Lake City. 60 hrs. Contact: Jeanne Ferretti, (801) 581-7085.

March 17-21—6th Annual Nutrition in Contemporary Medicine Symposium (Sponsor: University of Utah). Monday-Friday. Shadow Ridge Hotel, Park City. 30 hrs. Contact: Jennifer Fossum, (801) 581-3581.

April (dates to be announced later)—Orthopedics—Shriners Hospital Scientific Session (Sponsor: University of Utah). Shriners Hospital, Salt Lake City. 7 hrs. Contact: Sherman Coleman, MD, (801) 581-5307.

April 10-12—Neurology for the Practitioner (Sponsor: University of Utah). Thursday-Saturday. Westin Hotel Utah, Salt Lake City. 18 hrs. Contact: J. Richard Baringer, MD, (801) 581-8664.

May 11-16—Radiologic Subspecialty Updates. (Sponsor: University of Utah). Sunday-Friday. Hong Kong. 24 hrs. Contact: David Bragg, MD, (801) 581-8188.

June 22-26—School on Alcoholism and Other Drug Dependencies (Sponsor: University of Utah). Sunday-Thursday. University of Utah Health Science Center, Salt Lake City. 26 hrs. Contact: James Swenson, MD, (801) 581-7985.

July 13-18—Summer Update in Clinical Microbiology and Immunology (Sponsor: University of Utah). Sunday-Friday. Jackson Hole, WY. 23 hrs. Contact: John Matsen, MD, (801) 581-7480.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

February 15-22 (IDAHO)—Endocrinology/Nutrition. Sun Valley. One week. Elkhorn Resort. Contact: U/W.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

February 18—Antiviral Strategies. Seattle. Tuesday. Ballard Hospital. Contact: U/W.

February 19 (MONTANA)—Montana Medicine Lecture Series. Great Falls. Wednesday. Columbus Hospital. Contact: U/W.

February 20 (MONTANA)—Montana Medicine Lecture Series. Billings. Thursday. Deaconess Hospital. Contact: U/W.

February 20-22 (HAWAII)—Ethical Problems for Surgeons. Molokai. Thursday-Saturday. Sheraton Molokai. Contact: U/W.

February 21—Riverton Hospital Lecture Series. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 21 (MONTANA)—Montana Medicine Lecture Series. Missoula. Friday. St. Patricks Hospital. Contact: U/W.

February 23-March 1 (HAWAII)—Surgical Emergencies. Kona. Sunday-Saturday. Royal Waikoloa. Contact: U/W.

February 25—Child Rearing Practices—1986. Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

February 28—Riverton Hospital Lecture Series. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 28-March 1—Neurology—Past, Present, Future. Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

(Continued on Page 262)

(Continued from Page 260)

March 7—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 14—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 15-22 (HAWAII)—**Medical Malpractice.** Maui. One week. Royal Lahaina. Contact: U/W.

March 18—**Shoulder Injuries.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

March 19 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

March 20 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

March 21 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

March 21—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 21-22—**Medicine for Psychotherapists.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

March 22-29 (HAWAII)—**Office Diagnosis and Therapy.** Kauai. One week. Kauai Sheraton. Contact: U/W.

March 25—**What's New In Imaging.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

March 28—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 29—**Radiology Northwest.** Seattle. Saturday. UW Health Sciences Building. Contact: U/W.

April 3-5—**Oncology.** Seattle. Thursday-Saturday. Westin Hotel. Contact: U/W.

April 4—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 5—**Mason Clinic Day.** Seattle. Saturday. Virginia Mason Medical Center. Contact: VMMC.

April 5-12 (HAWAII)—**Drug Therapy.** Kauai. One week. Sheraton Princeville. Contact: U/W.

April 7-18—**Rehab Medicine Review.** Seattle. Monday-Friday. Seattle Sheraton. Contact: U/W.

April 11—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 15—**G.E. Reflux and Surgery.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

April 16 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Columbus Hospital. Contact: U/W.

April 17 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

April 18—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 18 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

April 22—**Common Knee Strains/Sprains.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

April 25—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 2—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 2-3—**Functional Disease.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

May 8-9—**MKSAP VII Review Course.** Seattle. Thursday-Friday. Virginia Mason Medical Center. Contact: VMMC.

May 9—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 16—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 16-17—**40th Anniversary Celebration.** Seattle. U/W Health Sciences Building. Contact: U/W.

May 20—**Hyperlipidemias.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

May 21 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

May 22 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

May 23 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

May 23—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 27—**Hyperlipidemia.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

May 30—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

WYOMING

June 25-29—**Wyoming Medical Society—Annual Meeting.** Jackson Lake Lodge, Moran. Wednesday-Sunday. Contact: WMS, PO Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. ♦

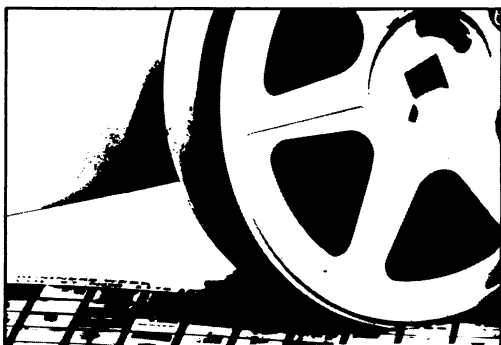
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Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

GUIDE TO PARENTERAL ADMINISTRATION OF DRUGS—C.E. Hipwell, M.L. Mashford and M.B. Robertson, St Vincent's Hospital, Melbourne. Adis Health Science Press, 1984; distributed in USA by Williams & Wilkins, 428 E Preston Street, Baltimore, MD 21202. 163 pages, \$28.

HANDBOOK OF ADVERSE DRUG INTERACTIONS—Martin Rizaack, MD, PhD, Rockefeller University and consulting editor, *The Medical Letter*, with Carol D.M. Hillman, associate editor, *The Medical Letter*. The Medical Letter, 56 Harrison Street, New Rochelle, NY 10801, 1985. 121 pages, \$9.95 (US) or \$12.50 (Canadian), paperback.

HARPER'S REVIEW OF BIOCHEMISTRY—Twentieth Edition—David W. Martin, Jr, MD, Vice-President-Research, Genentech, Inc, Adjunct Professor of Medicine and Biochemistry, University of California, San Francisco; Peter A. Mayes, PhD, DSc, Reader in Biochemistry, Royal Veterinary College, University of London; Victor W. Rodwell, PhD, Professor of Biochemistry, Purdue University, Lafayette, Indiana, and Daryl K. Granner, MD, Professor and Chair, Department of Molecular Physiology and Biophysics, and Professor of Medicine, Vanderbilt University, Nashville. Lange Medical Publications, Drawer L, Los Altos, CA 94023, 1985. 718 pages, \$24.50.

HEMORRHAGIC AND THROMBOTIC DISEASES IN CHILDHOOD AND ADOLESCENCE—James J. Corrigan, Jr, MD, Professor of Pediatrics and Chief, Section of Pediatric Hematology-Oncology, Department of Pediatrics, University of Arizona Health Sciences Center, Tucson. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 206 pages, \$29.50.

HYPERTENSIVE EMERGENCIES—Edward P. Hoffer, MD, Lecturer in Medicine, Harvard Medical School, Associate Professor of Medicine, University of Massachusetts Medical School, and Senior Scientist, Laboratory of Computer Science, Massachusetts General Hospital, and G. Octo Barnett, MD, Professor of Medicine, Harvard Medical School, Physician, Massachusetts General Hospital, and Director, Laboratory of Computer Science, Massachusetts General Hospital, Boston. IBM-PC, PC/XT, PC/AT, or PCjr with 80-column display; minimum 128K memory, 1 double-sided disk drive, PC-DOS or MS-DOS 2.0 or higher; Apple II, all models; minimum 64K memory, 2 disk drives. Williams & Wilkins, 428 E Preston Street, Baltimore, MD 21202, 1985. \$85.

ILLUSTRATED ENCYCLOPEDIA OF DERMATOLOGY—Second Edition—Lionel Fry, MD, and Parvin Shahrad, MD, Consultant Dermatologists, St Mary's Hospital, London, and Fenella T. Wojnarowska, MD, Consultant Dermatologist, Oxford United Hospital, Oxford, UK. Medical Economics Books, Box C-779, Pratt Station, Brooklyn, NY 11205, 1985. 575 pages, \$29.95 plus \$2 handling. *Note: Prices are subject to change without notice.

INJURED AT WORK—A Guide for Washington Workers—Ted Dzieliak and Lynn Greiner. University of Washington Press, Seattle, WA 98105, 1985. 131 pages, \$8.95 (paperback).

MALPRACTICE: MANAGING YOUR DEFENSE—Raymond M. Fish, PhD, MD, Clinical Instructor, Emergency Medicine, University of Illinois, Champaign-Urbana; Melvin E. Ehrhardt, MD, JD, Director, Emergency Care Center, Mennonite Hospital, Bloomington, Illinois, and Betty Fish, MSW, Crisis Counselor, Champaign County Mental Health Center. Medical Economics Books, 680 Kinderkamack Road, Oradell, NJ 07649, 1985. 217 pages, \$24.50.

MEDICAL ONCOLOGY—Basic Principles and Clinical Management of Cancer—Editors: Paul Calabresi, MD, Professor and Chair, Department of Medicine, Brown University, and Physician-Chief, Roger Williams General Hospital, Providence, RI; Philip S. Schien, MD, Adjunct Professor of Medicine and Pharmacology, University of Pennsylvania, Philadelphia, Adjunct Professor of Medicine, Brown University, and Professor of Medicine and Pharmacology, Georgetown University, Washington, DC, and Saul A. Rosenberg, MD, Professor of Medicine and Radiology, American Cancer Society Professor of Clinical Oncology, and Chief, Division of Medical Oncology, Stanford University Medical Center, Stanford, Calif. Macmillan Publishing Company, 866 Third Ave, New York, NY 10022, 1985. 1,576 pages, \$110.

MEDICAL PRACTICE MANAGEMENT—Third Edition—Horace Cotton. Medical Economics Books, 680 Kinderkamack Rd, Oradell, NJ 07649, 1985. 332 pages, \$28.50.

MENTAL HEALTH AND THE ENVIRONMENT—Edited by Hugh Freeman, MSc, MA, BM, BCh, FRCPsych, DPM, Senior Consultant Psychiatrist, Salford Health Authority; Lecturer, Department of Psychiatry, University of Manchester, and Editor of the British Journal of Psychiatry, UK. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 469 pages, \$69.

MONITORING IN ANESTHESIA AND CRITICAL CARE MEDICINE—Edited by Casey D. Blitt, MD, Attending Anesthesiologist, Tucson Medical Center, El Dorado Medical Center and Northwest Hospital, and Former Professor of Anesthesiology, University of Arizona College of Medicine, Tucson. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 707 pages, \$79.

NUTRITION IN CLINICAL PRACTICE—Marion Nestle, PhD, Associate Dean, Lecturer in Family and Community Medicine, and Director of the John Tung-American Cancer Society Clinical Nutrition Education Center, University of California, San Francisco, School of Medicine. Jones Medical Publications, 355 Los Cerros Drive, Greenbrae, CA 94904, 1985. 328 pages, \$16.95 (softbound).

THE PHYSICIAN AND THE HOPELESSLY ILL PATIENT—Legal, Medical and Ethical Guidelines—Society for the Right to Die, 250 West 57th Street, New York, NY 10107, 1985. 92 pages, \$5 (paperback).

PRACTICE ENHANCEMENT—The Physician's Guide to Success in Private Practice—Greg N. Korneluk, President, The Practice Enhancement Institute; formerly with the American Medical Association. Macmillan Publishing Company, 866 Third Ave, New York, NY 10022, 1985. 284 pages, no price given.

REVIEW QUESTIONS IN ANATOMIC PATHOLOGY—Edited by Alvin M. Ring, MD, Clinical Professor of Pathology, University of Illinois School of Medicine, and Director of Laboratories, Holy Cross Hospital, and Samuel Ostrin, MD, Clinical Assistant Professor of Pathology, University of Illinois School of Medicine, and Staff Pathologist, Holy Cross Hospital, Chicago. Biomedical Publications, PO Box 8209, Foster City, CA 94404, 1985. 400 pages, \$26 (spiral-bound).

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WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 562-2662. Annual Meeting: June 4-7, 1986, Mt McKinley Chalet, DeNali Park.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: June 5-7, 1986, Loews Ventana Canyon Resort, Tucson.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: February 28-March 5, 1986, Bonaventure Hotel, Los Angeles.

Colorado Medical Society—PO Box 17550, Denver 80217-0550. (303) 779-5455. Annual Meeting: September 18-20, 1986, Snowmass.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: October 10-12, 1986, Westin Ilikai Hotel, Honolulu.

Idaho Medical Association—305 W. Jefferson, PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 23-26, 1986, Sun Valley.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 443-4000. Annual Meeting: October 2-4, 1986, Holiday Inn, Bozeman.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting and Scientific Session: May 8-11, 1986, John Aschuga's Nugget, Sparks.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Interim Meeting: November 15-16, 1985, Holiday Inn de Las Cruces, Las Cruces. Centennial Meeting: April 30-May 2, 1986, Clarion Four Seasons, Albuquerque.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: (House of Delegates only): April 25-27, 1986, Valley River Inn, Eugene.

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: September 10-12, 1986, Yarrow Holiday Inn, Park City.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 18-22, 1986, Spokane.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 25-29, 1986, Jackson Lake Lodge, Moran.

ADVERTISING INDEX

AMERICAN COLLEGE OF PHYSICIANS	257
AMERICAN EDUCATIONAL INSTITUTE, INC.	253
BURROUGHS WELLCOME COMPANY	
<i>Zovirax</i>	156A, 156B
CALIFORNIA MEDICAL ASSOCIATION	152
CLASSIFIED ADVERTISING	261, 263, 266
THE DOCTORS COMPANY	163
ELI LILLY & CO.	
<i>Ceclor</i>	255
FHP PROFESSIONAL STAFFING	130
GENERALMED	264
GLAXO	
<i>Zantac</i>	134, 135
HOFFMANN-LA ROCHE LABORATORIES	
<i>Bactrim</i>	2nd cover, 129, 130
<i>Limbitrol</i>	3rd and 4th covers
HYPERTENSION SCANNING SERVICE	150
KEY PHARMACEUTICALS	
<i>Theo-Dur</i>	155, 156
MARION LABORATORIES	
<i>Cardizem</i>	137, 138
NEW YORK STATE JOURNAL OF MEDICINE	265
PACIFIC TOXICOLOGY LABORATORIES	157
PFIZER LABORATORIES	
<i>Feldene</i>	147, 148
PROFESSIONAL OFFICE BUSINESS SYSTEMS ...	145
SMITHKLINE BECKMAN	
<i>Dyazide</i>	131, 164
SOUTHERN CALIFORNIA	
PHYSICIANS INSURANCE EXCHANGE	249
E. R. SQUIBB & SONS	
<i>Capoten</i>	140, 141, 142
<i>Corzide</i>	153, 154
UNITED STATES AIR FORCE	159
UNIVERSITY MICROFILM	264
THE UPJOHN COMPANY	
<i>Motrin</i>	133
<i>Xanax</i>	160, 161, 162
THE WESTERN JOURNAL OF MEDICINE	259